

- [89] R. Tate, M. Stepp, Z. Tatlock, and S. Lerner, “Equality saturation: A new approach to optimization,” in *Proceedings of the 36th Annual ACM SIGPLAN-SIGACT Symposium on Principles of Programming Languages*, POPL ’09, (New York, NY, USA), p. 264–276, Association for Computing Machinery, 2009.
- [90] S. Narayan, C. Disselkoen, D. Moghimi, S. Cauligi, E. Johnson, Z. Gang, A. Vahldiek-Oberwagner, R. Sahita, H. Shacham, D. Tullsen, and D. Stefan, “Swivel: Hardening WebAssembly against spectre,” in *30th USENIX Security Symposium (USENIX Security 21)*, pp. 1433–1450, USENIX Association, Aug. 2021.
- [91] T. D. Morgan and J. W. Morgan, “Web timing attacks made practical,” *Black Hat*, 2015.
- [92] T. Schnitzler, K. Kohls, E. Bitsikas, and C. Pöpper, “Hope of delivery: Extracting user locations from mobile instant messengers,” in *30th Annual Network and Distributed System Security Symposium, NDSS 2023, San Diego, California, USA, February 27 - March 3, 2023*, The Internet Society, 2023.
- [93] S. Cao, N. He, Y. Guo, and H. Wang, “WASMixer: Binary Obfuscation for WebAssembly,” *arXiv e-prints*, p. arXiv:2308.03123, Aug. 2023.
- [94] A. Hilbig, D. Lehmann, and M. Pradel, “An empirical study of real-world webassembly binaries: Security, languages, use cases,” *Proceedings of the Web Conference 2021*, 2021.
- [95] Kaspersky, “The state of cryptojacking in the first three quarters of 2022,” 2022.
- [96] Mozilla, “Protections Against Fingerprinting and Cryptocurrency Mining Available in Firefox Nightly and Beta ,” 2019.
- [97] S. Bhansali, A. Aris, A. Acar, H. Oz, and A. S. Uluagac, “A first look at code obfuscation for webassembly,” in *Proceedings of the 15th ACM Conference on Security and Privacy in Wireless and Mobile Networks*, WiSec ’22, (New York, NY, USA), p. 140–145, Association for Computing Machinery, 2022.
- [98] J. Cabrera-Arteaga, M. Monperrus, T. Toady, and B. Baudry, “Webassembly diversification for malware evasion,” *Computers & Security*, vol. 131, p. 103296, 2023.
- [99] P. Kocher, J. Horn, A. Fogh, D. Genkin, D. Gruss, W. Haas, M. Hamburg, M. Lipp, S. Mangard, T. Prescher, M. Schwarz, and Y. Yarom, “Spectre attacks: Exploiting speculative execution,” in *2019 IEEE Symposium on Security and Privacy (SP)*, pp. 1–19, 2019.

Part II

Included papers

